

Application Serial No. 10/500,791

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CENTRAL FAX CENTER ^{OT 4922}

SEP 25 2007

AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions and listings of claims in the application:

1. (Currently Amended): An elevator brake, comprising:
~~a rotor (40); a rotor; and~~
movable first and second brake ~~plates (42, 43) plates,~~
wherein the first and second brake plates are being independently actuatable-actuatable
into engagement with a different one of two zones (46a, 46b) on one side (48) of the rotor, and
wherein the first and second brake plates have generally semi-annular braking surfaces
that oppose different sectors of the one side of the rotor.
2. (Currently Amended): The brake according to claim 1, further ~~comprising~~
comprising:
a stationary ~~housing-housing (20)~~ facing an opposite ~~side-side (49)~~ of the rotor,
wherein the rotor is urged toward the stationary housing when either of the first and second brake plates engages the rotor.
3. (Currently Amended): The brake according to claim 2, further ~~comprising~~
comprising:
a rear brake ~~lining-lining (47)~~ disposed on the opposite side of the rotor,
wherein the rear brake lining engages the stationary housing when the rotor is urged toward the stationary housing.
4. (Currently Amended): The brake according to claim 1, further comprising:
first and second springs ~~(36, 37)~~ biasing the first and second brake plates, respectively,
toward the rotor; and
independently actuatable first and second electromagnets ~~(32, 33)~~ for overcoming the bias of the first and second springs, respectively, to hold the first and second brake plates away from the rotor.
5. (Original): The brake according to claim 1, wherein the two zones of the rotor are annular and concentric.

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6. (Currently Amended): The brake according to claim 5, ~~further comprising~~
comprising:

a front brake ~~lining~~ lining (46) disposed on the one side of the rotor,
wherein the front brake lining is being disposed on the two concentric annular zones.

7. (Original): The brake according to claim 6, wherein the front brake lining includes two portions that are not integral with one another, each portion being disposed on a different one of the concentric annular zones.

8. (Canceled).

9. (Currently Amended): An elevator brake, comprising:

a ~~rotor~~ rotor (40) having two concentric annular zones ~~(46a, 46b)~~ on one side thereof;
(48) thereof;

movable first and second brake ~~plates (42, 43)~~ plates, the first and second brake plates
being independently ~~actuatable~~ actuatable into engagement with the one side of
the rotor in respective ones ~~a different one of the annular zones of the rotor,~~

first and second springs ~~(36, 37)~~ biasing the first and second brake plates, respectively,
toward the rotor;

independently actuatable first and second electromagnets ~~(32, 33)~~ for overcoming the
bias of the first and second springs, respectively, to hold the first and second
brake plates away from the rotor; and

a stationary ~~housing~~ housing (20) facing an opposite ~~side~~ side (49) of the rotor,

wherein the rotor is urged into engagement with the stationary housing when either of
the first and second brake plates engages one of the annular zones of the rotor, and
wherein the first and second brake plates have generally semi-annular braking surfaces
that oppose different sectors of the one side of the rotor.

10. (Canceled).

11. (Currently Amended): The brake according to claim 9, ~~further comprising~~
comprising:

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two concentric annular front brake ~~linings (46)~~ linings, each disposed on a different one of the annular zones of the rotor.